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**FEB 09 2007**

PTO/SB/21 (08-06)

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<b>TRANSMITTAL FORM</b>	Application Number	10/510,887	
	Filing Date	04/05/2005	
	First Named Inventor	Vasulunga Ravikumar	
	Art Unit	1635	
	Examiner Name	Tracy Ann Vivianmore	
(to be used for all correspondence after initial filing)		Attorney Docket Number	ISIS-5582
Total Number of Pages In This Submission		7	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks _____		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Isis Pharmaceuticals, Inc.		
Signature	<i>Robert S. Andrews</i>		
Printed name	Robert S. Andrews		
Date	2-9-07	Reg. No.	44,508

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PATENT

DOCKET NO.: ISIS-5582  
Application No.: 10/510,667  
Office Action mailed: November 15, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ravikumar, et al.

Confirmation No.: 4970

Application No.: 10/510,667

Group Art Unit: 1635

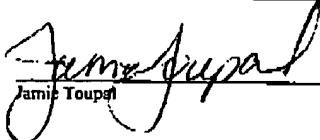
Filing Date: April 5, 2005

Examiner: Tracy Ann Vivlemore

For: Oligomeric Compounds Having Modified Phosphate Groups

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Sir:

REPLY PURSUANT TO 37 CFR § 1.111

In response to the Official Action dated November 15, 2006, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

- ☐ Amendments to the Specification begin on page                      of this paper.
- ☒ Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.
- ☐ Amendments to the Drawings begin on page                      of this paper and include an attached replacement sheet.
- ☒ Remarks begin on page 5 of this paper.